

0500

OIPE

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/702,498

DATE: 11/14/2000

TIME: 14:31:48

Input Set : A:\50026.025001.SEQLIST.TXT

Output Set: N:\CRF3\11142000\I702498.raw

ENTERED

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4 <110> APPLICANT: Tokuzumi, Tsuyoshi
5   Iida, Akihiro
6   Hasegawa, Mamoru
7   Nagai, Yoshiyuki
9 <120> TITLE OF INVENTION: Paramyxovirus vectors used for transfer
10  of foreign genes
12 <130> FILE REFERENCE: 50026/025001
C--> 14 <140> CURRENT APPLICATION NUMBER: US/09/702,498
C--> 14 <141> CURRENT FILING DATE: 2000-10-31
14 <150> PRIOR APPLICATION NUMBER: JP2000-152726
15 <151> PRIOR FILING DATE: 2000-05-18
17 <160> NUMBER OF SEQ ID NOS: 32
19 <170> SOFTWARE: FastSEQ for Windows Version 4.0
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 41
23 <212> TYPE: DNA
24 <213> ORGANISM: Artificial Sequence
26 <220> FEATURE:
27 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
28   Sendai virus
30 <400> SEQUENCE: 1
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33 <210> SEQ ID NO: 2
34 <211> LENGTH: 41
35 <212> TYPE: DNA
36 <213> ORGANISM: Artificial Sequence
38 <220> FEATURE:
39 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
40   Sendai virus
42 <400> SEQUENCE: 2
43 ccgaagccgt ggctgtcgcg gccyctgggt gtggtcgggtg g          41
45 <210> SEQ ID NO: 3
46 <211> LENGTH: 40
47 <212> TYPE: DNA
48 <213> ORGANISM: Artificial Sequence
50 <220> FEATURE:
51 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
52   Sendai virus
54 <400> SEQUENCE: 3
55 gaaatttcac ctaagcggcc gcaatggcag atatctatag          40
57 <210> SEQ ID NO: 4
58 <211> LENGTH: 40
59 <212> TYPE: DNA
60 <213> ORGANISM: Artificial Sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
64   Sendai virus

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66 <400> SEQUENCE: 4
67 ctatagatat ctgccattgc ggccgcttag gtgaaatttc 40
69 <210> SEQ ID NO: 5
70 <211> LENGTH: 43
71 <212> TYPE: DNA
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
76 Sendai virus
78 <400> SEQUENCE: 5
79 gggataaagt cccttgccgc cycttggttg caaaactctc ccc 43
81 <210> SEQ ID NO: 6
82 <211> LENGTH: 43
83 <212> TYPE: DNA
84 <213> ORGANISM: Artificial Sequence
86 <220> FEATURE:
87 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
88 Sendai virus
90 <400> SEQUENCE: 6
91 ggggagaggtt ttgcaaccaa gcggccgcaa gggactttat ccc 43
93 <210> SEQ ID NO: 7
94 <211> LENGTH: 47
95 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
100 Sendai virus
102 <400> SEQUENCE: 7
103 ggtcgcgcgcg tacttttagcg gccgcctcaa acaagcacag atcatgg 47
105 <210> SEQ ID NO: 8
106 <211> LENGTH: 47
107 <212> TYPE: DNA
108 <213> ORGANISM: Artificial Sequence
110 <220> FEATURE:
111 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
112 Sendai virus
114 <400> SEQUENCE: 8
115 ccatgatctg tgcttggttg aggcggccgc taaagtaccg cgcgacc 47
117 <210> SEQ ID NO: 9
118 <211> LENGTH: 44
119 <212> TYPE: DNA
120 <213> ORGANISM: Artificial Sequence
122 <220> FEATURE:
123 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
124 Sendai virus
126 <400> SEQUENCE: 9
127 cctgcccatc catgacctag cggccgcttc ccattcacc tggg 44
129 <210> SEQ ID NO: 10
130 <211> LENGTH: 44

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131 <212> TYPE: DNA
132 <213> ORGANISM: Artificial Sequence
134 <220> FEATURE:
135 <223> OTHER INFORMATION: Artificially synthesized sequence derived from the
136     Sendai virus
138 <400> SEQUENCE: 10
139 cccaggggtga atgggaagcg gccqctaggt catggatggg cagg           44
141 <210> SEQ ID NO: 11
142 <211> LENGTH: 40
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: Artificially synthesized sequence derived from
148     human secreted alkaline phosphatase
150 <400> SEQUENCE: 11
151 gcggcgcgcc atgtgtgtgc tgtgtgtgt gctgggacctg           40
153 <210> SEQ ID NO: 12
154 <211> LENGTH: 40
155 <212> TYPE: DNA
156 <213> ORGANISM: Artificial Sequence
158 <220> FEATURE:
159 <223> OTHER INFORMATION: Artificially synthesized sequence derived from
160     human secreted alkaline phosphatase
162 <400> SEQUENCE: 12
163 gcggcgcgcc cttatcatgt ctgtctgaag cggccggccg           40
165 <210> SEQ ID NO: 13
166 <211> LENGTH: 74
167 <212> TYPE: DNA
168 <213> ORGANISM: Artificial Sequence
170 <220> FEATURE:
171 <223> OTHER INFORMATION: Artificially synthesized sequence containing a
172     multicloning site
174 <400> SEQUENCE: 13
175 gcggcgcgct ttaaacggcg cgccatttaa atccgtagta agaaaaactt aggggtgaaag 60
176 ttcacgcgcg ccgc           74
178 <210> SEQ ID NO: 14
179 <211> LENGTH: 74
180 <212> TYPE: DNA
181 <213> ORGANISM: Artificial Sequence
183 <220> FEATURE:
184 <223> OTHER INFORMATION: Artificially synthesized sequence containing a
185     multicloning site
187 <400> SEQUENCE: 14
188 gcggcgcgca tgaactttca ccctaagttt ttcttactac ggattttaa ggcgcgccgt 60
189 ttaaacgcgg ccgc           74
191 <210> SEQ ID NO: 15
192 <211> LENGTH: 40
193 <212> TYPE: DNA
194 <213> ORGANISM: Artificial Sequence

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196 <220> FEATURE:
197 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
198     directed mutagenesis of the Sendai virus
200 <400> SEQUENCE: 15
201 ggagaagtct caacaccgtc cacccaagat aatcgatcag           40
203 <210> SEQ ID NO: 16
204 <211> LENGTH: 40
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
210     directed mutagenesis of the Sendai virus
212 <400> SEQUENCE: 16
213 ctgatacgatt atcttgggtg gacggtgttg agacttctcc           40
215 <210> SEQ ID NO: 17
216 <211> LENGTH: 38
217 <212> TYPE: DNA
218 <213> ORGANISM: Artificial Sequence
220 <220> FEATURE:
221 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
222     directed mutagenesis of the Sendai virus
224 <400> SEQUENCE: 17
225 gtatatgtgt tcagttgagc ttgctgtcgg tctaaggc           38
227 <210> SEQ ID NO: 18
228 <211> LENGTH: 38
229 <212> TYPE: DNA
230 <213> ORGANISM: Artificial Sequence
232 <220> FEATURE:
233 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
234     directed mutagenesis of the Sendai virus
236 <400> SEQUENCE: 18
237 gccttagacc gacagcaagc tcaactgaac acatatac           38
239 <210> SEQ ID NO: 19
240 <211> LENGTH: 45
241 <212> TYPE: DNA
242 <213> ORGANISM: Artificial Sequence
244 <220> FEATURE:
245 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
246     directed mutagenesis of the Sendai virus
248 <400> SEQUENCE: 19
249 caatgaactc tctagagagg ctggagtcac taaagagtta cctgg           45
251 <210> SEQ ID NO: 20
252 <211> LENGTH: 45
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
258     directed mutagenesis of the Sendai virus
260 <400> SEQUENCE: 20

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261 ccaggtaact ctttagtgac tccagcctct ctagagagtt cattg          45
263 <210> SEQ ID NO: 21
264 <211> LENGTH: 52
265 <212> TYPE: DNA
266 <213> ORGANISM: Artificial Sequence
268 <220> FEATURE:
269 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
270     directed mutagenesis of the Sendai virus
272 <400> SEQUENCE: 21
273 gtgaaagttc atccaccgat cggctcactc gaggccacac ccaacccac cg          52
275 <210> SEQ ID NO: 22
276 <211> LENGTH: 52
277 <212> TYPE: DNA
278 <213> ORGANISM: Artificial Sequence
280 <220> FEATURE:
281 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
282     directed mutagenesis of the Sendai virus
284 <400> SEQUENCE: 22
285 cggtaggggtt ggggtgtggc tcgagtgagc cgatcggttg atgaacttcc ac          52
287 <210> SEQ ID NO: 23
288 <211> LENGTH: 47
289 <212> TYPE: DNA
290 <213> ORGANISM: Artificial Sequence
292 <220> FEATURE:
293 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
294     directed mutagenesis of the Sendai virus
296 <400> SEQUENCE: 23
297 cttagggtga aagaaatttc agctagcacg ggcgaatggc agatatc          47
299 <210> SEQ ID NO: 24
300 <211> LENGTH: 47
301 <212> TYPE: DNA
302 <213> ORGANISM: Artificial Sequence
304 <220> FEATURE:
305 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
306     directed mutagenesis of the Sendai virus
308 <400> SEQUENCE: 24
309 gatattgcc attgcgcgt gctagctgaa atttctttca ccctaag          47
311 <210> SEQ ID NO: 25
312 <211> LENGTH: 47
313 <212> TYPE: DNA
314 <213> ORGANISM: Artificial Sequence
316 <220> FEATURE:
317 <223> OTHER INFORMATION: Artificially synthesized sequence for use in site
318     directed mutagenesis of the Sendai virus
320 <400> SEQUENCE: 25
321 cttagggata aagtccttg tgcgcgttg gttgcaaac tctcccc          47
323 <210> SEQ ID NO: 26
324 <211> LENGTH: 47
325 <212> TYPE: DNA

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VERIFICATION SUMMARY

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Input Set : A:\50026.025001.SEQLIST.TXT

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L:14 M:270 C: Current Application Number differs, Replaced Current Application No
L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date